

What is claimed is:

- 1 1. A method of enabling events to automatically and dynamically adapt to capabilities of a  
2 management system, comprising steps of:  
3 receiving one or more events; and  
4 evaluating each received event to determine if an additional capability is available, and  
5 programmatically appending the additional capability to the event if so;  
6 thereby automatically and dynamically adapting the received events to the capabilities of  
7 the management system without requiring change to applications generating the events.
- 1 2. The method according to Claim 1, further comprising the step of programmatically  
2 invoking processing of the appended additional capabilities.
- 1 3. The method according to Claim 1, wherein selected ones of the appended additional  
2 capabilities comprise a name of an executable task.
- 1 4. The method according to Claim 2, wherein selected ones of the appended additional  
2 capabilities comprise a name of an executable task and wherein the programmatically invoking  
3 step comprises executing the task.
- 1 5. The method according to Claim 1, wherein selected ones of the appended additional  
2 capabilities comprise a rule to be added to a rule base server.

1 6. The method according to Claim 2, wherein selected ones of the appended additional  
2 capabilities comprise a rule to be evaluated by a rule base server and wherein the  
3 programmatically invoking step comprises evaluating the rule by the rule base server.

1 7. The method according to Claim 1, wherein selected ones of the appended additional  
2 capabilities comprise a property name and value.

1 8. The method according to Claim 2, wherein selected ones of the appended additional  
2 capabilities comprise a property name and value and wherein the programmatically invoking step  
3 comprises determining if a rule associated with that property name and value exists in a rule base  
4 and evaluating the rule if so.

1 9. The method according to Claim 1, wherein a flag indicates whether the appended  
2 additional capability for a selected event has been processed.

1 10. The method according to Claim 1, wherein a precondition for the programmatically  
2 invoking step comprises determining whether an appended additional capability is present on a  
3 selected event, and determining that the appended additional capability has not already been  
4 performed.

1 11. The method according to Claim 1, wherein the programmatically appending further  
2 comprises adding a slot to a representation of the event.

1 12. The method according to Claim 1, wherein the programmatically appending further  
2 comprises adding a property to an object representing the event.

1 13. The method according to Claim 1, wherein the programmatically appending further  
2 comprises adding a field to a representation of the event.

1 14. A system for enabling events to automatically and dynamically adapt to capabilities of a  
2 management system, comprising:  
3 means for receiving one or more events; and  
4 means for evaluating each received event to determine if an additional capability is  
5 available, and programmatically appending the additional capability to the event if so;  
6 thereby automatically and dynamically adapting the received events to the capabilities of  
7 the management system without requiring change to applications generating the events.

1 15. The system according to Claim 12, further comprising means for programmatically  
2 invoking processing of the appended additional capabilities.

1 16. The system according to Claim 12, wherein selected ones of the appended additional  
2 capabilities comprise a name of an executable task and wherein the means for programmatically  
3 invoking comprises means for executing the task.

1 15. The system according to Claim 12, wherein selected ones of the appended additional  
2 capabilities comprise a rule to be evaluated by a rule base server and wherein the means for  
3 programmatically invoking comprises means for evaluating the rule by the rule base server.

1 16. The system according to Claim 12, wherein selected ones of the appended additional  
2 capabilities comprise a property name and value and wherein the means for programmatically  
3 invoking comprises means for determining if a rule associated with that property name and value  
4 exists in a rule base and means for evaluating the rule if so.

1 17. The system according to Claim 12, wherein a precondition for operation of the means for  
2 programmatically invoking comprises determining whether an appended additional capability is  
3 present on a selected event, and determining that the appended additional capability has not  
4 already been performed.

1 18. A computer program product for enabling events to automatically and dynamically adapt  
2 to capabilities of a management system, the computer program product embodied on one or more  
3 computer-usable media and comprising:

4 computer readable program code means for receiving one or more events; and

5 computer readable program code means for evaluating each received event to determine if  
6 an additional capability is available, and programmatically appending the additional capability to  
7 the event if so;

8 thereby automatically and dynamically adapting the received events to the capabilities of

9 the management system without requiring change to applications generating the events.

1 2019. The computer program product according to Claim 18, further comprising computer  
2 readable program code means for programmatically invoking processing of the appended  
3 additional capabilities.

1 20. The computer program product according to Claim 18, wherein selected ones of the  
2 appended additional capabilities comprise a name of an executable task and wherein the computer  
3 readable program code means for programmatically invoking comprises computer readable  
4 program code means for executing the task.

1 21. The computer program product according to Claim 18, wherein selected ones of the  
2 appended additional capabilities comprise a rule to be evaluated by a rule base server and wherein  
3 the computer readable program code means for programmatically invoking comprises computer  
4 readable program code means for evaluating the rule by the rule base server.

1 22. The computer program product according to Claim 18, wherein selected ones of the  
2 appended additional capabilities comprise a property name and value and wherein the computer  
3 readable program code means for programmatically invoking comprises computer readable  
4 program code means for determining if a rule associated with that property name and value exists  
5 in a rule base and means for evaluating the rule if so.

1 23. The computer program product according to Claim 18, wherein a precondition for  
2 operation of the computer readable program code means for programmatically invoking  
3 comprises determining whether an appended additional capability is present on a selected event,  
4 and determining that the appended additional capability has not already been performed.

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